

We claim:

1. A garment designed to enhance the comfort of a wearer's skin
5 comprising:
a knit, substantially all-polyester fabric, wherein said fabric defines a
wearer-contacting surface and an exterior surface, and wherein said wearer
contacting surface has a dynamic coefficient of friction of less than about .26
when tested according to ASTM Test Method D1894-00, a Kawabata System
10 Bending Force of about .02 or less, a Vertical Wicking of about 3 inches or
greater after 5 minutes, a Drying Time of less than about 170 minutes, moisture
transport per unit time of at least about 0.023g/min /sq m, and a functioning
antimicrobial.
- 15 2. The garment according to Claim 1, wherein said garment
comprises at least one seam, and wherein said at least one seam is in the form
of a flatlock seam.
3. The garment according to Claim 1, wherein said fabric further
20 comprises a static coefficient of friction of about .27 or less.
4. The garment according to Claim 1, wherein said fabric consists
essentially of spun yarns made from staple fibers having a denier per filament of
about 1.5 or less.
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5. The garment according to Claim 1, wherein said fabric consists
essentially of filament yarns comprising individual fibers having a denier per
filament of about one or finer.
- 30 6. The garment according to Claim 1, wherein said fabric is a jersey
knit fabric having at least about 28 wales per inch.

7. The garment according to Claim 1, wherein said garment is in the form of a T-shirt.

5 8. The garment according to Claim 1, wherein said garment is in the form of a nether garment.

9. A fabric for use in base layer garments comprising:
a knit fabric consisting essentially of yarns about 160 denier or less in size
10 consisting of polyester filaments about 1 dpf in size or finer, said fabric further comprising at least one chemical treatment for facilitating moisture transport and a functioning antimicrobial, wherein said fabric has a dynamic coefficient of friction on at least one surface of about .24 or less when tested according to ASTM D1894-00 test method, a Vertical Wicking of about 4.9 inches or greater, a
15 Drying Time of less than about 100 minutes, a moisture transport per unit time of greater than about .028 g/min/sq m, and a Kawabata System bending force of about .01 or less.

10. The fabric according to Claim 9, wherein said fabric has a static
20 coefficient of friction of about .27 or less.

11. A fabric for use in base layer garments comprising:
a knit fabric consisting essentially of spun polyester yarns about 26 cotton count or finer, said yarn being made from staple fibers having a denier per
25 filament of about 1.5 or less, said fabric further comprising at least one chemical treatment for facilitating moisture transport and a functioning antimicrobial, wherein said fabric has a dynamic coefficient of friction on at least one surface of about .24 or less when tested according to ASTM D1894-00 Test method, a Vertical Wicking of about 3 inches or greater, Drying Time of less than 170
30 minutes, moisture transport per unit time of greater than about .023 g/min/sq m, and a Kawabata System bending force of about .012 or less.

12. The fabric according to Claim 11, wherein said fabric has a static coefficient of friction of about .27 or less.

5 13. A method of improving the condition of sensitive skin comprising the steps of:

wearing a base layer of substantially all polyester with a first layer surface contacting at least a portion of the wearer's skin, wherein said first layer surface has a dynamic coefficient of friction of less than about .26, and said base layer
10 has a Kawabata System bending of about .02 or less, a Vertical Wicking of about 3 inches or greater after 5 minutes, drying time of less than about 170 minutes, moisture transport per unit time of at least 0.023 g/min/sq m, and a functioning antimicrobial.

15 14. A knit, substantially all-polyester fabric, having a functioning antimicrobial, wherein at least one surface has a dynamic coefficient of friction of less than about .26 when tested according to ASTM Test Method D1894-00, a Kawabata System Bending Force of about .02 or less, a Vertical Wicking of about 3 inches or greater after 5 minutes, a Drying Time of less than about 170
20 minutes, moisture transport per unit time of at least about 0.023g/min /sq m.